

In the Claims:

1. (Currently Amended) A process for cleaning parts comprising:
connecting a vacuum source to a port in a first air pulse generator housing;
connecting a source of pressurized air to another port in said housing;
alternately connecting said vacuum ~~part~~port or said pressurized air port in rapid
succession to an outlet port;
connecting an outlet fluid passage to said outlet port to create a rapidly reversing
air flow therein; and
completely enclosing one or more parts in a tooling cavity; and
connecting said tooling cavity to said outlet fluid passage to receive said rapidly
reversing, air flow to and from said tooling cavity
~~outlet port to a fluid passage directing outflow therefrom at a part to be cleaned~~
whereby ~~[[a]]~~ rapidly reversing high velocity air flow pulses are ~~utilized~~ directed into said
tooling cavity to clean said enclosed one or more parts~~part.~~
2. (Cancelled.)
3. (Currently Amended) A process according to claim ~~[[2]]~~ 1 wherein said
reverse air flow pulses are used to evacuate debris from said tooling cavity removed from said
one or more parts ~~part.~~
4. (Currently Amended) A process according to claim 1 including connecting a
source of pressurized liquid cleaning fluid to a one port in a second air pulse generator housing

air and a second port to a source of pressurized air, and alternately connecting each of said ports in said second air pulse generator housing to an outlet port;

connecting said outlet port to a fluid passage and directing outflow therefrom at a part to be cleaned enclosed in said tooling cavity whereby said fluid is expelled under pressure exerted by said pressurized air at said outlet port.

5. (Original) A process according to claim 1 wherein said vacuum port and pressurized air port are alternately connected to said outlet port by rotating a valve member in said first generator housing.

6. (Currently Amended) A process according to claim 4 wherein said cleaning fluid and pressurized air ports in said second air pulse generator housing are alternately connected to said outlet port by rotating a valve member in said housing.

7. (Currently Amended) A process according to claim 1 further including connecting a plurality of ~~parts~~ ports to said vacuum and a plurality of ~~parts~~ ports to said source of pressurized air and an outlet associated with sets of vacuum source and air pressure ports to alternately create pulses of vacuum and pressurized air, and connecting each outlet to fluid passage to direct said pulses at a different region of said one or more parts in said tooling cavity part.

8. (Withdrawn)

9. (Withdrawn)

10. (Withdrawn)

11. (Withdrawn)

12. (Withdrawn)

13. (Withdrawn)

14. (Withdrawn)